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17548 U.S.PTO  
10/800696



Date: March 16, 2004

Docket No.: 4799-0114P

**MS PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is a patent application claiming priority under 35 U.S.C. § 119(e) of Provisional Application No(s). 60/456,236 filed on March 21, 2003.

Inventor(s): Luc ADRIAENSSENS; Amid HASHIM; and Troy LONG

For: NEXT HIGH FREQUENCY IMPROVEMENT USING HYBRID SUBSTRATES  
OF TWO MATERIALS WITH DIFFERENT DIELECTRIC CONSTANT  
FREQUENCY SLOPES

Enclosed are:

- ☒ A specification consisting of twenty-nine (29) pages
- ☒ ~~Eight~~ (8) sheet(s) of formal drawings
- ☒ An assignment of the invention
- ☐ Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). filed in on .
  - ☐ Certified copy(ies) is(are) attached hereto.
  - ☐ Certified copy(ies) will follow.
- ☒ Executed Declaration (☒ Original ☒ Photocopy)

- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27.
- ☐ Preliminary Amendment
- ☐ Application Data Sheet in accordance with 37 C.F.R. § 1.76
- ☒ Information Disclosure Statement, PTO-1449 and reference(s)
- ☐ Applicant requests early publication - \$300.00 publication fee
- ☐ Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)
- ☐ Other:
- ☒ Provisional application filed in English:  
☒ YES ☐ NO

If "NO," an English translation with a Statement of Accuracy:  
☐ is attached hereto ☐ will follow.

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
BASIC FEE			\$770.00	\$385.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
TOTAL CLAIMS	38- 20 =	18	X 18 = \$324.00	x 9 = \$0.00
INDEPENDENT CLAIMS	3- 3 =	0	x 86 = \$0.00	x 43 = \$0.00
MULTIPLE DEPENDENT <input type="checkbox"/> CLAIMS PRESENTED			+ \$290.00	+ \$145.00
TOTAL			\$1,094.00	\$0.00

- ☒ A check in the amount of \$1,134.00 to cover the filing fee and recording fee (if applicable) is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

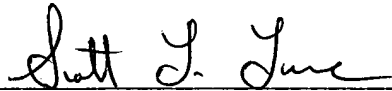
☒ Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP **or** Customer No. 02292  
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If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Scott L. Lowe, #41,458

SLL/EHC:lmh  
**4799-0114P**

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Attachment(s)

(Rev. 02/13/2004)